



3FW2838

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment; Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

Elizabeth A. Dudek

Typed or Printed Name of Person Sending Paper or Fee

Elizabeth A. Dudek December 11, 2006

Signature

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of)	
Mohamed Y. Benslimane, et al.)	Examiner: T. Dougherty
on An Elastomeric Actuator and a)	
Method of Making an Actuator)	Art Unit: 2834
Serial No.: 10/528,503)	
National Stage Entry of)	Confirmation No. 5038
Int'l Appln. No. : PCT/DK2003/000603)	
Filed: March 27, 2005)	(Docket No. 6495-0096WOUS)

Hartford, Connecticut, December 11, 2006

Mail Stop Amendment
Commissioner for Patents
P.O. BOX 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

S I R:

Applicant(s) submits herewith Form PTO/SB/08A identifying patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Under 37 CFR 1.97 (b)

☒ This Information Disclosure Statement is being filed within three months of the filing date of the application, or the date of entry into the national stage of an international application, or before the mailing date of a first Office Action on the merits, whichever event occurs last.

Under 37 CFR 1.97 (c)

☐ This Information Disclosure Statement is being filed *after* three months of the filing date of this national application, or the date of entry into the national stage as set forth in §1.491 in an international application, or after the mailing date of the first Office Action on the merits, whichever event occurred last, but *before* the mailing date of either a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first.

☐ A certification as specified in 37 CFR 1.97(e) is set forth below or

☐ Fee as set forth in 37 CFR 1.17(p) (\$180.00).

Under 37 CFR 1.97(d)

☐ This Information Disclosure Statement is being filed *after* a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first, but before, or simultaneously with, the payment of the issue fee. Applicant hereby petitions for the consideration of this Information Disclosure Statement, 37 CFR 1.97(d)(ii). A certification as specified in 37 CFR 1.97(e) is set forth below.

☐ A certification as specified in 37 CFR 1.97(e) is set forth below and

☐ Fee as set forth in 37 CFR 1.17(p) (\$180.00).

CERTIFICATION (37 CFR 1.97(e))

☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement. A copy of the relevant search report is enclosed herewith.

☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

Under 37 CFR 1.98(a)(2)(i)

☒ Because the above-referenced application was filed after June 30, 2003, pursuant to USPTO Notice dated 7/11/2003 ("*Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications filed after June 30, 2003*") Applicant(s) do not provide copies of the U.S. patents identified on the

Serial No. 10/528,503

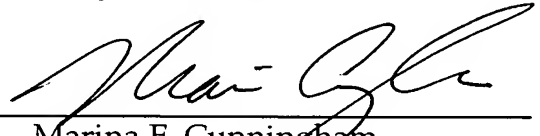
Information Disclosure Statement Submitted: 12/11/06

attached PTO/SB/08A form at this time. Should the Examiner require the U.S. patent copies, Applicants respectfully request the Examiner contact Applicants' Representative at the number listed below.

Applicants respectfully request that any deficiencies in the fees be charged to Deposit Order Account No. 13-0235.

Respectfully submitted,

By



Marina F. Cunningham
Registration No. 38,419
Attorney for the Applicants

McCORMICK, PAULDING & HUBER LLP
CityPlace II, 185 Asylum Street
Hartford, CT 06103-3402
(860) 549-5290



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S)

Docket No.: 6495-0096WOUS

U.S. Serial No.: 10/528,503

Applicant: Mohamed Y. Benslimane, et al.

U.S. Filing Date: 03/18/05

Title: An Elastomeric Actuator and a

Group Art Unit: 2834

Method of Making an Actuator

U.S. PATENT DOCUMENTS

<u>Examiner's Initials</u>	<u>Patent Number</u>	<u>Patent Date</u>	<u>Name</u>	<u>Class Subclass</u>
	3,753,294	08/21/1973	Attali et al.	33/133
	4,266,263	05/05/1981	Haberl et al.	361/283
	4,386,386	05/31/1983	Akita	361/283
	4,494,409	01/22/1985	Kondo et al.	73/651
	4,654,546	03/31/1987	Kirjavainen	307/400
	4,836,033	06/06/1989	Seitz	73/862.04
	5,060,527	10/29/1991	Burgess	73/862.68
	5,090,248	02/25/1992	Cimmino et al.	73/780
	5,115,680	05/26/1992	Lew	73/763
	5,410,210	04/25/1995	Sato et al.	310/363
	5,425,275	06/20/1995	Lockshaw	73/775
	5,755,090	05/26/1998	Hu	60/39.091
	5,841,143	11/24/1998	Tuma et al.	250/458.1
	6,210,514 B1	04/03/2001	Cheung et al.	156/241
	6,282,956 B1	09/04/2001	Okada	73/504.12
	6,343,129 B1	01/29/2002	Pelrine et al.	381/191
	6,376,971 B1	04/23/2002	Pelrine et al.	310/363
	6,543,110 B1	04/08/2003	Pelrine et al.	29/25.35
	6,545,384 B1	04/08/2003	Pelrine et al.	310/309
	6,581,481 B1	06/24/2003	Perusek	73/862.337
	6,583,533 B2	06/24/2003	Pelrine et al.	310/309
	6,586,859 B2	07/01/2003	Kornbluh et al.	310/309
	6,628,040 B2	09/30/2003	Pelrine et al.	310/307
	6,662,658 B2	12/16/2003	Foote	73/514.29
	6,664,718 B2	12/16/2003	Pelrine et al.	310/800
	6,707,236 B2	03/16/2004	Pelrine et al.	310/800
	6,768,246 B2	07/27/2004	Pelrine et al.	310/339
	6,781,284 B1	08/24/2004	Pelrine et al.	310/330
	6,806,621 B2	10/19/2004	Heim et al.	310/328
	6,809,462 B2	10/26/2004	Pelrine et al.	310/800
	6,812,624 B1	11/02/2004	Pei et al.	310/800
	6,876,135 B2	04/05/2005	Pelrine et al.	310/339
	6,882,086 B2	04/19/2005	Kornbluh et al.	310/328

U.S. PATENT DOCUMENTS (Con't)

<u>Examiner's Initials</u>	<u>Patent Number</u>	<u>Patent Date</u>	<u>Name</u>	<u>Class Subclass</u>
	6,891,317 B2	05/10/2005	Pei et al.	310/800
	6,911,764 B2	06/28/2005	Pelrine et al.	310/328
	6,940,211 B2	09/06/2005	Pelrine et al.	310/330
	7,034,432 B1	04/25/2006	Pelrine et al.	310/309
	7,049,732 B2	05/23/2006	Pei et al.	310/800
	7,064,472 B2	06/20/2006	Pelrine et al.	310/324

U.S. Patent Publications:

	US 2001/0035723 A1	11/01/2001	Pelrine et al.	318/116
	US 2001/0026165 A1	10/04/2001	Pelrine et al.	324/750
	US 2002/0008445 A1	01/24/2002	Pelrine et al.	310/330
	US 2002/0050768 A1	05/02/2002	Beck et al.	310/334
	US 2002/0130673 A1	09/19/2002	Pelrine et al.	324/727
	US 2002/0175594 A1	11/28/2002	Kornbluh et al.	310/317
	US 2002/0175598 A1	11/28/2002	Heim et al.	310/328
	US 2002/0185937 A1	12/12/2002	Heim et al.	310/339
	US 2003/0006669 A1	01/09/2003	Pei et al.	310/309
	US 2003/0066741 A1	04/10/2003	Burgess et al.	200/61.43
	US 2003/0067245 A1	04/10/2003	Pelrine et al.	310/311
	US 2003/0141787 A1	07/31/2003	Pelrine et al.	310/365
	US 2003/0141473 A1	07/31/2003	Pelrine et al.	251/129.06
	US 2003/0214199 A1	11/20/2003	Heim et al.	310/309
	US 2004/0008853 A1	01/15/2004	Pelrine et al.	381/191
	US 2004/0012301 A1	01/22/2004	Benslimane et al.	310/311
	US 2004/0124738 A1	07/01/2004	Pelrine et al.	310/307
	US 2004/0217671 A1	11/04/2004	Rosenthal et al.	310/328
	US 2004/0232807 A1	11/25/2004	Pelrine et al.	310/800
	US 2004/0263028 A1	12/30/2004	Pei et al.	310/800
	US 2005/0104145 A1	05/19/2005	Benslimane et al.	257/415
	US 2005/0157893 A1	07/21/2005	Pelrine et al.	381/190
	US 2006/0113878 A1	06/01/2006	Pei et al.	310/363
	US 2006/0113880 A1	06/01/2006	Pei et al.	310/800
	US 2006/0119225 A1	06/08/2006	Heim et al.	310/339
	US 2006/0158065 A1	07/20/2006	Pelrine et al.	310/328

FOREIGN PATENT DOCUMENTS

<u>Examiner's Initials</u>	<u>Document Number</u>	<u>Date</u>	<u>Country</u>	<u>Translation</u>	
	WO 96/34701	11/07/1996	PCT	<u>Yes</u>	<u>No</u>
	WO 00/66970	11/09/2000	PCT	X	
	WO 01/06575 A1	01/25/2001	PCT	X	
	WO 01/06579 A2	01/25/2001	PCT	X	

FOREIGN PATENT DOCUMENTS (Con't)

<u>Examiner's Initials</u>	<u>Document Number</u>	<u>Date</u>	<u>Country</u>	<u>Translation</u>	
				<u>Yes</u>	<u>No</u>
	WO 01/059852 A3	08/16/2001	PCT	X	
	WO 01/58973 A2	08/16/2001	PCT	X	
	WO 01/63738 A2	08/30/2001	PCT	X	
	WO 01/065615 A3	09/07/2001	PCT	X	
	WO 02/37660 A1	05/10/2002	PCT	Abstract	
	WO 2004/079832 A2	09/16/2004	PCT	X	
	WO 2005/081676 A2	09/09/2005	PCT	X	
	WO 2005/079187 A2	09/01/2005	PCT	X	
	0 387 180 A1	09/12/1990	EP	X	
	0 855 307 B1	03/26/2003	EP	X	
	30 06 620 A1	09/03/1981	DE	Abstract	
	30 23 218 A1	02/25/1982	DE	Abstract	
	198 26 391 A1	12/23/1999	DE	Abstract	
	1-273372	11/01/1989	JP	Abstract	
	2 309 833	12/30/1976	FR	Abstract	
	2 793 937 A1	11/24/2000	FR	Abstract	

OTHER DOCUMENTS

Examiner's
Initials

EXAMINER

DATE CONSIDERED

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).